

SPECIFICATIONS

FLT 16-1200

1.	Model		FLT 16-1200		Options
2.	Lift Capacity	Q	Kg	16000	
3.	Load Centre	C	mm	1200	
4.	Driving Speed (Laden/Unladen)		Km/h	24/26	
5.	Lifting Speed (Laden/Unladen)		m/sec	0.15/0.30	
6.	Lowering Speed (Laden/Unladen)		m/sec	0.30/0.20	
7.	Gross Vehicle Weight (Laden/Unladen)		Kgs	41790/25790	
8.	Static Weight on front axle (Laden/Unladen)		Kgs	37340/12010	
9.	Static Weight on rear axle (Laden/Unladen)		Kgs	4450/13780	
10.	Stability		%	37	
11.	Gradeability (Laden)		%	34	
12.	Tyres, front/rear			12.00 - 20	
13.	Battery		V/AH	24/150x2	
14.	Engine	Make		ASHOK LEYLAND	CUMMINS
		Model		ALU 412	6BTA-5.9-C
		Rating/Speed	HP/RPM	147 / 2400	150/2200
		No. of Cylinders		6	6
		Aspiration		Turbo charged	Turbo charged
		Displacement	ℓ	6.54	5.9
		Bore X Stroke	mm	107.18 X 120.65	102 X 120
		Cooling		Water	Water
15.	Transmission	Make		Hindustan Motors	CLARK
		Model		TT-2421	24000 Series
		Type		Powershift with Torque Converter	Powershift with Torque Converter
		Speeds F/R		4/2	3/3
16.	Drive Axle	Make		OMCI	OMCI
		Type		Full Floating with Planetary Hub reduction	Full Floating with Planetary Hub reduction
		Brakes		Drum Type	Wet Disc Type
		Reduction		1:17.89	1:17.89
		Static Capacity	t	54	54
17.	Service Data	a) Diesel Tank	ℓ	250	
		b) Hydraulic Tank	ℓ	250	
		c) Engine Crank Case	ℓ	13	
		d) Transmission	ℓ	32	
		e) Drive axle			
		i) Differential Casing	ℓ	6	
		ii) Hub Reduction	ℓ	2	

